

A better brick™

Pre-made by nature, these bricks are inherently low in embodied carbon. No firing, no harmful chemicals needed. A little bit of energy to cut it and move it and that's it...nature has taken care of the rest. At 72 N/mm², these bricks have enough compressive strength to act as a self-supporting facade. Less steel and hardware is needed, further reducing the building's carbon footprint. Oh, and they look great, too.



Product Technical Information Sheet

Manufacturer	Polycor France (Rocamat)
Product	Natural Stone Brick™
Product Code	MA2151025065
Colour	Earth Blend
Dimensions	215 mm x 102,5 mm x 65 mm 215 mm x 80 mm x 65 mm
Individual brick dry weight*	3.29 kg or 2.63 kg
Pack Quantity	384 nr

*Brick dry weights may vary slightly due to atmospheric and tolerance-related variables, for guidance only.

Environmental Information

Embodied carbon	CO ₂ e/kg (A1 - A3) 0,0296*
VOCs / Harmful chemicals	None
End of use	100% Reuseable and Recyclable

*Source: FDES pierre attachée - Massangis Charmot Valanges
Source: The brick development association LCA (2019)

Technical Properties to BS EN 771.6

Density	2,300 kg / m ³
Dimensional Tolerances	±2 mm (D2)
Compressive strength	≥ 72 N / mm ²
Thermal Conductivity (W/(m·K) λ10, (EN 1745)	2.3
Frost Resistance	168 cycles (F2 Equiv.)
Open Porosity (EN 1936)	≤ 15%
Water absorption due to capillary action (EN 772.11)	25 to 35 g.m - 2.s ⁻¹ / ₂
Reaction to Fire	Class A1



**86% less embodied CO₂
vs clay bricks**

Source: FDES pierre attachée - Massangis Charmot Valanges
& Source: The brick development association LCA (2019)



72N/mm²

Self-supporting up multiple storeys.
Less steel hardware
= EVEN LESS CO₂